

~~ABSTRACT~~

There is provided a niobium powder to make a capacitor which is small leakage current, also limited leakage current even after application of thermal load, and high capacitance which is attained by enhancing the thermal stability of the niobium oxide coating film in the capacitor. The niobium powder includes at least one or more selected from molybdenum: 0.002 to 20% by mass, chromium: 0.002 to 10% by mass, and tungsten: 0.002 to 20% by mass; and hydrogen: 0.005 to 10% by mass, and the specific surface area of the powder is 1 to 10 m²/g. It is preferable that the niobium powder further includes magnesium: 0.002 to 1% by mass and aluminum: 0.002 to 1% by mass, and the average particle size of the secondary particles of the niobium powder is from 10 to 200 μm.